

Table I
Identification of Achievable Performance Standards
Source Category: Adhesives and Sealants

| Regulated Component | Pollutant | Rule/Measure/Date | | | | | | | | | |
|---|-----------|--|---------|---|--|---|---------|--|--|--|--|
| | | RACT Determination for Adhesives and Sealants (draft) 2/98 | | BARCT Determination for Adhesives and Sealants (draft) 2/98 | | VCAPCD Rule 74.20 Adhesives and Sealants 1/14/97* | | | | | |
| | | Performance Standard | | | | | | | | | |
| Adhesives: | VOC | | | | | | | | | | |
| ABS welding | VOC | x | 400 g/l | | | | 400 g/l | | | | |
| Ceramic tile installation | VOC | x | 130 g/l | | | | 130 g/l | | | | |
| Cellulosic plastic welding (ex ethyl cellulose) | VOC | | | | | x | 100 g/l | | | | |
| Styrene-Acrylonitrile welding | | | | | | x | 100 g/l | | | | |
| Other plastic welding | | | | | | x | 500 g/l | | | | |
| Computer diskette jacket manufacturing | VOC | x | 850 g/l | | | | | | | | |
| Contact-general | VOC | x | 540 g/l | | 250 g/l (1/1/00) | | 200 g/l | | | | |
| Contact-special substrates | VOC | x | 540 g/l | | 400 g/l (1/1/00) 250 g/l (1/1/02)** **technology forcing | | 200 g/l | | | | |

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| Cove base installation | VOC | x | 150 g/l | | | | 150 g/l | | | | |
| CPVC welding 490 g/l | VOC | x | 490 g/l | | | | 490 g/l | | | | |
| Indoor floor covering installation | VOC | x | 150 g/l | | | | 150 g/l | | | | |
| Perimeter bonded sheet vinyl flooring with vinyl backing installation onto a non-porous substrate | VOC | | 660 g/l | | | | | | | | |
| Sheet-applied rubber installation | VOC | | 850 g/l | x | 250 g/l (2002)** **technology forcing | | | | | | |
| Waterproof resorcinol glue | VOC | x | 170 g/l | | | | | | | | |
| Metal to urethane/rubber molding or casting | VOC | | 850 g/l | x | 250 g/l (1/1/00)** **technology forcing | | | | | | |
| Multipurpose construction | VOC | x | 200 g/l | | | | 200 g/l | | | | |
| Nonmembrane roof installation/repair | VOC | x | 300 g/l | | | | 300 g/l | | | | |
| Other plastic cement | VOC | x | 510 g/l | | | | | | | | |

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| welding | | | | | | | | | | | |
| Outdoor floor covering installation | VOC | x | 250 g/l | | | 150 g/l | | | | | |
| PVC welding | VOC | x | 510 g/l | | | 510 g/l | | | | | |
| Single-ply roof membrane installation/repair | VOC | x | 250 g/l | | | 250 g/l | | | | | |
| Structural glazing | VOC | x | 100 g/l | | | 100 g/l | | | | | |
| Thin metal laminating | VOC | x | 780 g/l | | | | | | | | |
| Tire retread | VOC | x | 100 g/l | | | 100 g/l | | | | | |
| Sealants: | VOC | | | | | | | | | | |
| Architectural | VOC | x | 250 g/l | | | 250 g/l | | | | | |
| Marine deck | VOC | x | 760 g/l | | | | | | | | |
| Nonmembrane roof installation/repair | VOC | x | 300 g/l | | | 300 g/l g/l | | | | | |
| Roadway | VOC | x | 250 g/l | | | 250 g/l | | | | | |
| Single-ply roof membrane | VOC | x | 450 g/l | | | 450 g/l | | | | | |
| Other | VOC | x | 420 g/l | | | 420 g/l | | | | | |

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| Adhesive Primers: | VOC | | | | | | | | | | |
| Automotive glass | VOC | x | 700 g/l | | | 700 g/l | | | | | |
| Plastic cement welding | VOC | x | 650 g/l | | | 650 g/l | | | | | |
| Single-ply roof membrane | VOC | x | 250 g/l | | | 250 g/l | | | | | |
| Traffic marking tape | VOC | x | 150 g/l | | | 150 g/l | | | | | |
| Other | VOC | x | 250 g/l | | | 250 g/l | | | | | |
| Sealant Primers: | VOC | | | | | | | | | | |
| Architectural Non-porous | VOC | x | 250 g/l | | | 250 g/l | | | | | |
| Architectural- Porous | VOC | x | 775 g/l | | | 775 g/l | | | | | |
| Marine deck | VOC | x | 760 g/l | | | 760 g/l | | | | | |
| Modified bitumen membrane primer | VOC | x | 500 g/l | | | | | | | | |
| Other | VOC | x | 750 g/l | | | 775 g/l | | | | | |

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| Adhesives Application On to Substrate: Limits apply when application is not specified above | VOC | | | | | | | | | | |
| Flexible vinyl | VOC | x | 250 g/l | | | 250 g/l | | | | | |
| Fiberglass | VOC | x | 200 g/l | | | 200 g/l | | | | | |
| Metal | VOC | x | 30 g/l | | | 30 g/l | | | | | |
| Porous material | VOC | x | 120 g/l | | | | | | | | |
| Rubber | VOC | x | 250 g/l | | | | | | | | |
| Plastic foam | VOC | | | | | 120 g/l | | | | | |
| Porous Material (ex wood and plastic foam) | VOC | | | | | 150 g/l | | | | | |
| Wood | VOC | | | | | 30 g/l | | | | | |
| Adhesive for bonding dissimilar substrates together | VOC | x | substrate category with highest VOC content | | | substrate category with highest VOC content ex. flexible vinyl | | | | | |
| | | | | | | | | | | | |
| Other substrates | VOC | x | 250 g/l | | | 250 g/l | | | | | |
| Other Categories: | VOC | | | | | | | | | | |
| Aerosol Adhesives | VOC | x | 75 wt% | | | | | | | | |

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| | | | 25 wt% (1/1/02) | | | | | | |
| Cleanup Solvent ex. spray equipment | VOC | x | <45 mm Hg @20 C | | | | | | |
| Cleanup Solvent, spray equipment (spray gun) | VOC | x | Enclosed system or equiv. ,or 70 g/l | | | enclosed gun washer or low emission spray gun cleaner, <45 mm Hg @ 20 C | | | |
| Cleanup Solvent, spray equipment (filters, lines, pipes, pumps) | VOC | x | Enclosed system or equiv. ,or 70 g/l | | | Enclosed system or equiv. ,or 70 g/l | | | |
| Cleanup Solvent, spray equipment, dried adhesive | VOC | x | <=9.5 mm Hg at 20C and kept in closed container | | | <=9.5 mm Hg at 20C and kept in closed container | | | |
| Surface preparation solvent, ex. single-ply roofing | VOC | x | <70 g/l | | | <=70 g/l | | | |
| Surface preparation solvent, single-ply roofing | VOC | x | <=45 mm of Hg @ 20C | | | <=45 mm of Hg @ 20 C | | | |
| Add-on control equipment | VOC | x | 85% overall capture and destruction eff. by wt, | | | 85% overall capture and destruction eff. by wt, avg over 24 hrs | | | |
| Storage of VOC containing materials | VOC | x | storage or disposal in closed non-absorbent containers | | | storage or disposal in closed non-absorbent, nonleaking containers | | | |

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| Adhesive strippers | VOC | | | | | <=9.5 mm Hg @ 20 C | | | |
| Primers, sealants or adhesives | | | | | | cannot contain 1,1,1-trichloroethane or methylene chloride; adhesives containing methylene chloride used to solvent weld polycarbonate, polysulfone, acrylics including PMMA, phenylene-oxide based resins, and polyetherimide are exempt from this requirement | | | |

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